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OM protein - protein search, using sw model

Run on: December 8, 2004, 13:52:49 ; Search time 20 Seconds
(without alignments)
19.895 Million cell updates/sec

Title: US-09-429-798A-1
Perfect score: 35
Sequence: 1 YGGMFK 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 17104

Minimum DB seq length: 6
Maximum DB seq length: 6

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
- 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
- 6: /cgn2_6/ptodata/1/iaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	35	100.0	6	4	US-09-134-803-1
2	30	85.7	6	1	US-07-943-709-8
3	30	85.7	6	1	US-07-943-709-9
4	30	85.7	6	1	US-07-943-709-14
5	29	82.9	6	4	US-09-493-902-2
6	28	80.0	6	1	US-08-351-058A-9
7	27	77.1	6	1	US-07-805-727-7
8	27	77.1	6	1	US-07-718-577-5
9	27	77.1	6	1	US-08-390-272-7
10	27	77.1	6	1	US-07-943-709-11
11	27	77.1	6	1	US-07-943-709-12
12	27	77.1	6	1	US-07-943-709-17
13	27	77.1	6	1	US-08-227-184A-4
14	27	77.1	6	1	US-08-388-321-7
15	27	77.1	6	1	US-08-466-632-7
16	27	77.1	6	1	US-08-446-177-7
17	27	77.1	6	3	US-09-063-936A-7
18	27	77.1	6	3	US-09-490-580-7
19	27	77.1	6	3	US-09-442-027-7
20	27	77.1	6	4	US-08-348-471-7
21	27	77.1	6	4	US-08-999-188-7
22	27	77.1	6	4	US-09-043-877-22
23	27	77.1	6	4	US-09-043-877-25
24	27	77.1	6	4	US-09-465-126B-6
25	27	77.1	6	4	US-09-063-933-7
26	27	77.1	6	4	US-09-578-063-65
27	26	74.3	6	2	US-08-448-219-3

28	25	71.4	6	1	US-07-805-727-18	Sequence 18, Appl
29	25	71.4	6	1	US-07-718-577-7	Sequence 7, Appl
30	25	71.4	6	1	US-07-718-577-12	Sequence 12, Appl
31	25	71.4	6	1	US-07-718-577-22	Sequence 22, Appl
32	25	71.4	6	1	US-08-390-272-18	Sequence 18, Appl
33	25	71.4	6	1	US-07-943-709-10	Sequence 10, Appl
34	25	71.4	6	1	US-07-943-709-13	Sequence 13, Appl
35	25	71.4	6	1	US-07-943-709-16	Sequence 16, Appl
36	25	71.4	6	1	US-07-943-709-18	Sequence 18, Appl
37	25	71.4	6	1	US-07-943-709-24	Sequence 24, Appl
38	25	71.4	6	1	US-07-943-709-27	Sequence 27, Appl
39	25	71.4	6	1	US-08-388-321-18	Sequence 18, Appl
40	25	71.4	6	1	US-08-466-632-18	Sequence 18, Appl
41	25	71.4	6	3	US-09-063-936A-18	Sequence 18, Appl
42	25	71.4	6	3	US-09-442-027-18	Sequence 18, Appl
43	25	71.4	6	3	US-09-442-027-18	Sequence 18, Appl
44	25	71.4	6	4	US-08-348-471-18	Sequence 18, Appl
45	25	71.4	6	4	US-08-348-471-18	Sequence 18, Appl

ALIGNMENTS

RESULT 1
US-09-134-803-1
; Sequence 1, Application US/09134803
; Patent No. 6703381
; GENERAL INFORMATION:
; APPLICANT: Ekwuribe, Nnochiri N.
; APPLICANT: Rhadakrishnan, Balasingam
; APPLICANT: Price, Christopher H.
; APPLICANT: Anderson, Wes
; APPLICANT: Ansari, Aslam M.
; TITLE OF INVENTION: Blood-Brain-Barrier Therapeutics
; FILE REFERENCE: 4012-113
; CURRENT APPLICATION NUMBER: US/09/134, 803
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-134-803-1

Query Match 100.0%; Score 35; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGMFK 6
Db 1 YGGMFK 6

RESULT 2
US-07-943-709-8
; Sequence 8, Application US/07943709
; Patent No. 5556762
; GENERAL INFORMATION:
; APPLICANT: Pinilla, Clemencia
; APPLICANT: Appel Jr., Jon R.
; APPLICANT: Blondelle, Sylvie
; APPLICANT: Dooley, Colette T.
; APPLICANT: Eichler, Jutta
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
; TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
; TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
; TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore, Sutter &
; ADDRESSEE: Milnamow, Ltd.

STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Tyr-NH2."
US-07-943-709-8

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 3
US-07-943-709-9
Sequence 9, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemecia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Arg-NH2."
US-07-943-709-9

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 4
US-07-943-709-14
Sequence 14, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemecia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381

TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Phe-NH2."
US-07-943-709-14

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 5
US-09-493-902-2
Sequence 2, Application US/09493902
Patent No. 6476191
GENERAL INFORMATION:
APPLICANT: Pascal, Jeanick
APPLICANT: Moran, Michael
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: Volatilizable Solid Phase Supports for Compound
FILE REFERENCE: Volatilizable Solid Phase Supports
CURRENT APPLICATION NUMBER: US/09/493,902
CURRENT FILING DATE: 2000-01-28
EARLIER APPLICATION NUMBER: 60/119204
EARLIER FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 2
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-493-902-2

Query Match 82.9%; Score 29; DB 4; Length 6;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 6
Db 1 YGFLR 6

RESULT 6
US-08-351-058A-9
Sequence 9, Application US/08351058A
Patent No. 5550215
GENERAL INFORMATION:
APPLICANT: Holmes, Christopher P.
TITLE OF INVENTION: Polymer Reversal on Solid Surfaces
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: USA

ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,058A
FILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/978,940
FILING DATE: 19-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,727
FILING DATE: 22-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Swiss, Gerald F.
REGISTRATION NUMBER: 30,113
REFERENCE/DOCKET NUMBER: 000324-015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-351-058A-9

Query Match 80.0%; Score 28; DB 1; Length 6;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 6
Db 1 YGFLR 6

RESULT 7
US-07-805-727-7
Sequence 7, Application US/07805727
Patent No. 5424186
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Pirrung, Michael C.
APPLICANT: Read, J. Leighton
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5424186vi1
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/805,727
FILING DATE: 19911206
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: No. 5424186vi1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509A(1)1(1)

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-805-727-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
Db 1 YGGFL 5

RESULT 8

US-07-718-577-5
Sequence 5, Application US/07718577
Patent No. 5432018
GENERAL INFORMATION:
APPLICANT: Dower, William J.
APPLICANT: Cwiria, Steven E.
APPLICANT: Barrett, Ronald W.
TITLE OF INVENTION: PEPTIDE LIBRARY AND
NUMBER OF INVENTION: SCREENING SYSTEMS
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: One Market Plaza, Steuart Street
CITY: San Francisco
STATE: CA.
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/718,577
FILING DATE: 19910620
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/541,108
FILING DATE: 20-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-25-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-718-577-5

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5

Db 1 YGGFL 5

RESULT 9

US-08-390-272-7
Sequence 7, Application US/08390272
Patent No. 5489678
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert.
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
NUMBER OF INVENTION: Synthesis
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5489678v1e1
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,272
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/624,120
FILING DATE: 06-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5489678v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509-28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-390-272-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
Db 1 YGGFL 5

RESULT 10

US-07-943-709-11
Sequence 11, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pintilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Richler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL

TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Tyr-NH2."
US-07-943-709-11

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGGFL 5

RESULT 11
US-07-943-709-12
Sequence 12, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois

COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Arg-NH2."
US-07-943-709-12

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGGFL 5

RESULT 12
US-07-943-709-17
Sequence 17, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911

CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Phe-NH2."
US-07-943-709-17

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
1 YGFL 5

RESULT 13
US-08-227-184A-4
Sequence 4, Application US/08227184A
Patent No. 5620958
GENERAL INFORMATION:

APPLICANT: CHERONIS, JOHN C
APPLICANT: BLODGETT, JAMES K
APPLICANT: WHALLEY, ERIC T
APPLICANT: ALLEN, LISA GAY
APPLICANT: EUBANKS, SHAD R
APPLICANT: NGUYEN, KHE T
TITLE OF INVENTION: BRADYKININ ANTAGONISTS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
STREET: 1100 NEW YORK AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Tape
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,184A
FILING DATE: 13-APR-1994
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/859,582
FILING DATE: 27-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N

REGISTRATION NUMBER: 16773
REFERENCE/DOCKET NUMBER: 94243/DKT.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944

TELEX: 6714627CUSH
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-227-184A-4

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
1 YGFL 5

RESULT 14
US-08-388-321-7
Sequence 7, Application US/08388321
Patent No. 5744101
GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Photolabile Nucleoside Protecting
TITLE OF INVENTION: Groups
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5744101vie1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,321
FILING DATE: --Herewith--
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 5744101vie1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528X-000122
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-388-321-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
1 YGFL 5

RESULT 15
US-08-466-632-7
Sequence 7, Application US/08466632

Patent No. 5744305
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5744305vie1
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,632
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: No. 5744305vie1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 165285-000126
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-466-632-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
|||:
Db 1 YGGFL 5

Search completed: December 8, 2004, 13:55:36
Job time : 21 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: December 8, 2004, 13:52:50 ; Search time 144 Seconds
(without alignments)
14.882 Million cell updates/sec

Title: US-09-429-798A-1
Perfect score: 35
Sequence: 1 YGGFMK 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1585576 seqs, 357178320 residues
Total number of hits satisfying chosen parameters: 13576

Minimum DB seq length: 6
Maximum DB seq length: 6

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database :
- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
 - 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
 - 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
 - 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
 - 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
 - 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
 - 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
 - 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
 - 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
 - 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
 - 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
 - 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
 - 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
 - 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
 - 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
 - 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
 - 17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
 - 18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
 - 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
 - 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	35	100.0	6	US-10-380-147-41	Sequence 41, Appl
2	32	91.4	6	US-10-289-009-28	Sequence 28, Appl
3	32	91.4	6	US-10-380-147-39	Sequence 39, Appl
4	32	91.4	6	US-10-380-147-42	Sequence 42, Appl
5	30	85.7	6	US-10-380-147-43	Sequence 43, Appl
6	29	82.9	6	US-10-286-670-2	Sequence 2, Appl
7	29	82.9	6	US-10-380-147-40	Sequence 40, Appl
8	27	77.1	6	US-09-946-605-7	Sequence 7, Appl
9	27	77.1	6	US-09-759-130B-435	Sequence 435, App
10	27	77.1	6	US-10-014-716-7	Sequence 7, Appl
11	27	77.1	6	US-10-042-431-65	Sequence 65, Appl
12	27	77.1	6	US-10-259-391-7	Sequence 7, Appl
13	27	77.1	6	US-10-190-951-7	Sequence 7, Appl

14	27	77.1	6	14	US-10-033-195B-6	Sequence 6, Appl
15	27	77.1	6	16	US-10-741-790-435	Sequence 435, App
16	25	71.4	6	9	US-09-772-607-7	Sequence 7, Appl
17	25	71.4	6	9	US-09-946-605-18	Sequence 18, Appl
18	25	71.4	6	13	US-10-014-716-18	Sequence 18, Appl
19	25	71.4	6	14	US-10-259-391-18	Sequence 18, Appl
20	25	71.4	6	14	US-10-190-951-18	Sequence 18, Appl
21	25	71.4	6	14	US-10-033-195B-16	Sequence 16, Appl
22	22	62.9	6	15	US-10-192-407C-9	Sequence 9, Appl
23	21	60.0	6	9	US-09-170-919-11	Sequence 11, Appl
24	21	60.0	6	9	US-09-946-605-4	Sequence 4, Appl
25	21	60.0	6	9	US-09-946-605-12	Sequence 12, Appl
26	21	60.0	6	13	US-10-014-716-4	Sequence 12, Appl
27	21	60.0	6	13	US-10-014-716-12	Sequence 12, Appl
28	21	60.0	6	14	US-10-259-391-4	Sequence 4, Appl
29	21	60.0	6	14	US-10-259-391-12	Sequence 12, Appl
30	21	60.0	6	14	US-10-190-951-4	Sequence 4, Appl
31	21	60.0	6	14	US-10-190-951-12	Sequence 12, Appl
32	21	60.0	6	14	US-10-033-195B-3	Sequence 3, Appl
33	21	60.0	6	14	US-10-033-195B-11	Sequence 11, Appl
34	21	60.0	6	14	US-10-148-786A-51	Sequence 51, Appl
35	20	57.1	6	9	US-09-823-114-3	Sequence 3, Appl
36	20	57.1	6	13	US-10-014-716-3	Sequence 3, Appl
37	20	57.1	6	13	US-10-156-820-57	Sequence 57, Appl
38	20	57.1	6	14	US-10-190-951-3	Sequence 3, Appl
39	20	57.1	6	14	US-10-290-748-3	Sequence 3, Appl
40	20	57.1	6	15	US-10-454-566-4	Sequence 4, Appl
41	19	54.3	6	9	US-09-946-605-16	Sequence 16, Appl
42	19	54.3	6	10	US-09-997-961-36	Sequence 36, Appl
43	19	54.3	6	13	US-10-014-716-16	Sequence 16, Appl
44	19	54.3	6	14	US-10-259-391-16	Sequence 16, Appl
45	19	54.3	6	14	US-10-190-951-16	Sequence 16, Appl

ALIGNMENTS

RESULT 1
US-10-380-147-41
; Sequence 41, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yindong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-41

Query Match 100.0%; Score 35; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 YGGFMK 6
Db 1 YGGFMK 6

RESULT 2

US-10-289-009-28
; Sequence 28, Application US/10289009
; Publication No. US20030228700A1
; GENERAL INFORMATION:
; APPLICANT: Peters, Eric C.
; APPLICANT: Brock, Ansgar
; APPLICANT: Ericson, Christer
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Labeling Reagent and Methods of Use
; FILE REFERENCE: 021288-000230US
; CURRENT APPLICATION NUMBER: US/10/289,009
; PRIOR FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: US 60/332,988
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US 60/385,835
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US 60/410,382
; PRIOR FILING DATE: 2002-09-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: other model
; OTHER INFORMATION: polypeptide containing lysine at the C-terminus
US-10-289-009-28

Query Match 91.4%; Score 32; DB 14; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGMK 6
|||:|
Db 1 YGGMK 6

RESULT 3

US-10-380-147-39
; Sequence 39, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; TITLE OF INVENTION: CELL AND OTHER EPITOPES
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-39

Query Match 91.4%; Score 32; DB 15; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGMK 6
|||:|
Db 1 YGGMK 6

RESULT 4

US-10-380-147-42
; Sequence 42, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; TITLE OF INVENTION: CELL AND OTHER EPITOPES
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-42

Query Match 91.4%; Score 32; DB 15; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGMK 6
|||:|
Db 1 YGGMK 6

RESULT 5

US-10-380-147-43
; Sequence 43, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; TITLE OF INVENTION: CELL AND OTHER EPITOPES
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-43

Query Match 85.7%; Score 30; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
1 YGFM 5

RESULT 6

US-10-286-670-2
; Sequence 2, Application US/10286670
; Publication No. US20030135024A1
; GENERAL INFORMATION:
; APPLICANT: Pascal, Jeanick
; APPLICANT: Moran, Michael
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: Volatilizable Solid Phase Supports for Compound
; FILE REFERENCE: Volatilizable Solid Phase Supports
; CURRENT APPLICATION NUMBER: US/10/286,670
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/493,902
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/119204
; PRIOR FILING DATE: 1999-02-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: peptide
US-10-286-670-2

Query Match 82.9%; Score 29; DB 14; Length 6;
Best Local Similarity 66.7%; Pred. No. 1.4e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 6
1 YGFM 6

RESULT 7

US-10-380-147-40
; Sequence 40, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; TITLE OF INVENTION: CELL AND OTHER EPITOPES
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens

US-10-380-147-40

Query Match 82.9%; Score 29; DB 15; Length 6;
Best Local Similarity 66.7%; Pred. No. 1.4e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 6
1 YGFM 6

RESULT 8

US-09-946-605-7
; Sequence 7, Application US/09946605
; Patent No. US20020155588A1
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Winkler, James L.
; APPLICANT: Holmes, Christopher P.
; APPLICANT: Solas, Dennis W.
; TITLE OF INVENTION: Very Large Scale Immobilized Polymer
; Synthesis
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vernon A. No. US20020155588A1
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/946,605
; FILING DATE: 05-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,632
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: No. US20020155588A1, Vernon A.
; REGISTRATION NUMBER: 32,483
; REFERENCE/DOCKET NUMBER: 16528J-000126
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-946-605-7

Query Match 77.1%; Score 27; DB 9; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
1 YGFM 5

RESULT 9

US-09-759-130B-435
; Sequence 435, Application US/09759130B
; Publication No. US20030022279A1

GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: McCarthy, Sean A
APPLICANT: Fraser, Christopher C
APPLICANT: Sharp, John D
APPLICANT: Barnes, Thomas S
APPLICANT: Kirst, Susan J
APPLICANT: Mackay, Charles R
APPLICANT: Myers, Paul S
APPLICANT: Leiby, Kevin R
APPLICANT: Wrighton, Nicolas
APPLICANT: Goodearl, Andrew
APPLICANT: Holtzman, Douglas A
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
TITLE OF INVENTION: USES.
FILE REFERENCE: MP100-535OMNIM
CURRENT APPLICATION NUMBER: US/09/759,130B
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/559,497
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: US 09/596,194
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/608,452
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/393,996
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 09/420,707
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 460
SOFTWARE: FastSeq for windows Version 4.0
SEQ ID NO 435
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-09-759-130B-435

Query Match 77.1%; Score 27; DB 10; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGYM 5

RESULT 10
US-10-014-716-7
Sequence 7, Application US/10014716
Publication No. US20020137096A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Strayer, Lubert
APPLICANT: Pittung, Michael C.
APPLICANT: Read, J. Leighton
APPLICANT: Hoeprich, Jr. Paul D.
TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vern No. US20020137096A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite

2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/014,716
FILING DATE: 14-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020137096A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-014-716-7

Query Match 77.1%; Score 27; DB 13; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFL 5

RESULT 11
US-10-042-431-65
Sequence 65, Application US/10042431
Publication No. US20020182675A1
GENERAL INFORMATION:
APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
APPLICANT: SHARP, John D
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING DIAGNOSTIC,
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND OTHER USES
FILE REFERENCE: 10147-6U2
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 65
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-10-042-431-65

Query Match 77.1%; Score 27; DB 13; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
|||:
Db 1 YGYM 5

RESULT 12
US-10-259-391-7

; Sequence 7, Application US/10259391
; Publication No. US20030082831A1
; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Stryer, Lubert

Winkler, James L.

Holmes, Christopher P.

Solas, Dennis W.

TITLE OF INVENTION: Very Large Scale Immobilized Polymer
Synthesis

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. US20030082831A1vie1

STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/259,391

FILING DATE: 30-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/465,782

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: No. US20030082831A1vie1, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528J-000127

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-259-391-7

Query Match

Best Local Similarity 77.1%; Score 27; DB 14; Length 6;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
|||:
Db 1 YGFL 5

RESULT 13

US-10-190-951-7

; Sequence 7, Application US/10190951

; Publication No. US20030108899A1

; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Stryer, Lubert

Pirung, Michael C.

Read, J. Leighton

Hoepfich, Jr. Paul D.

TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vern No. US20030108899A1vie1

STREET: One Market Plaza, Stewart Tower, Suite

2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/190,951

FILING DATE: 08-Jul-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/348,471

FILING DATE: 30-NOV-1994

ATTORNEY/AGENT INFORMATION:

NAME: No. US20030108899A1vie1

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528A-1-3-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-190-951-7

Query Match

Best Local Similarity 77.1%; Score 27; DB 14; Length 6;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
|||:
Db 1 YGFL 5

RESULT 14

US-10-033-195B-6

; Sequence 6, Application US/10033195B

; Publication No. US20030119008A1

; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

APPLICANT: Stryer, Lubert

APPLICANT: Read, J. Leighton

APPLICANT: Pirung, Michael C.

TITLE OF INVENTION: Nucleotides and Analogs Having
Photoremovable Protecting Groups

FILE REFERENCE: 2719.2002-001

CURRENT APPLICATION NUMBER: US/10/033,195B

CURRENT FILING DATE: 2001-12-28

PRIOR APPLICATION NUMBER: 09/465,126

PRIOR FILING DATE: 1999-12-17

PRIOR APPLICATION NUMBER: 09/063,933

PRIOR FILING DATE: 1998-04-21

PRIOR APPLICATION NUMBER: 08/466,632

PRIOR FILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: 08/390,272

PRIOR FILING DATE: 1995-02-16

PRIOR APPLICATION NUMBER: 07/624,120

;; PRIOR FILING DATE: 1990-12-06
;; PRIOR APPLICATION NUMBER: 07/492,462
;; PRIOR FILING DATE: 1990-03-07
;; PRIOR APPLICATION NUMBER: 07/362,901
;; PRIOR FILING DATE: 1989-06-07
;; PRIOR APPLICATION NUMBER: 08/456,887
;; PRIOR FILING DATE: 1995-06-01
;; PRIOR APPLICATION NUMBER: 07/954,646
;; PRIOR FILING DATE: 1992-09-30
;; PRIOR APPLICATION NUMBER: 07/850,356
;; PRIOR FILING DATE: 1992-03-12
;; NUMBER OF SEQ ID NOS: 20
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 6
;; LENGTH: 6
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic sequence for description of method
US-10-033-195B-6

Query Match 77.1%; Score 27; DB 14; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFL 5

RESULT 15
US-10-741-790-435

;; Sequence 435, Application US/10741790
;; Publication No. US20040121396A1

;; GENERAL INFORMATION:

;; APPLICANT: Millennium Pharmaceuticals, Inc.

;; APPLICANT: McCarthy, Sean A

;; APPLICANT: Fraser, Christopher C

;; APPLICANT: Sharp, John D

;; APPLICANT: Barnes, Thomas S

;; APPLICANT: Kirst, Susan J

;; APPLICANT: Mackay, Charles R

;; APPLICANT: Myers, Paul S

;; APPLICANT: Leiby, Kevin R

;; APPLICANT: Wrighton, Nicolas

;; APPLICANT: Goodearl, Andrew

;; APPLICANT: Holtzman, Douglas A

;; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
;; TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
;; TITLE OF INVENTION: USES.

;; FILE REFERENCE: MPI00-535OMNIM

;; CURRENT APPLICATION NUMBER: US/10/741,790

;; CURRENT FILING DATE: 2003-12-19

;; PRIOR APPLICATION NUMBER: US 09/479,249

;; PRIOR FILING DATE: 2000-01-07

;; PRIOR APPLICATION NUMBER: US 09/559,497

;; PRIOR FILING DATE: 2000-04-27

;; PRIOR APPLICATION NUMBER: US 09/578,063

;; PRIOR FILING DATE: 2000-05-24

;; PRIOR APPLICATION NUMBER: US 09/333,159

;; PRIOR FILING DATE: 1999-06-14

;; PRIOR APPLICATION NUMBER: US 09/596,194

;; PRIOR FILING DATE: 2000-07-14

;; PRIOR APPLICATION NUMBER: US 09/342,364

;; PRIOR FILING DATE: 1999-06-29

;; PRIOR APPLICATION NUMBER: US 09/608,452

;; PRIOR FILING DATE: 2000-06-30

;; PRIOR APPLICATION NUMBER: US 09/393,996

;; PRIOR FILING DATE: 1999-09-10

;; PRIOR APPLICATION NUMBER: US 09/602,871

;; PRIOR FILING DATE: 2000-06-23

;; PRIOR APPLICATION NUMBER: US 09/420,707

;; PRIOR FILING DATE: 1999-10-19

;; NUMBER OF SEQ ID NOS: 460
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 435
;; LENGTH: 6
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-741-790-435

Query Match 77.1%; Score 27; DB 16; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGYM 5

Search completed: December 8, 2004, 14:05:50
Job time: 145 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: December 8, 2004, 14:03:30 ; Search time 139 Seconds
(without alignments)
12.848 Million cell updates/sec

Title: US-09-429-798A-48

Perfect score: 30
Sequence: 1 YGGFM 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1585576 seqs, 357178320 residues

Total number of hits satisfying chosen parameters: 12090

Minimum DB seq length: 5
Maximum DB seq length: 5

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
- 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
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- 18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
- 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
- 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	30	100.0	5	US-09-823-114-1	Sequence 1, Appl1
2	30	100.0	5	US-09-946-605-21	Sequence 21, Appl1
3	30	100.0	5	US-10-050-903B-1	Sequence 1, Appl1
4	30	100.0	5	US-10-014-716-21	Sequence 21, Appl1
5	30	100.0	5	US-10-150-262-7	Sequence 7, Appl1
6	30	100.0	5	US-10-259-391-21	Sequence 21, Appl1
7	30	100.0	5	US-10-190-951-21	Sequence 21, Appl1
8	30	100.0	5	US-10-033-195B-19	Sequence 19, Appl1
9	30	100.0	5	US-10-197-954-92	Sequence 92, Appl1
10	30	100.0	5	US-10-290-748-1	Sequence 1, Appl1
11	30	100.0	5	US-10-146-999-6	Sequence 6, Appl1
12	30	100.0	5	US-10-126-845-116	Sequence 116, Appl1
13	30	100.0	5	US-10-448-163-1	Sequence 1, Appl1

14	30	100.0	5	16	US-10-825-472-1	Sequence 1, Appl1
15	30	100.0	5	17	US-10-659-000-9	Sequence 9, Appl1
16	27	90.0	5	9	US-09-170-919-10	Sequence 10, Appl1
17	27	90.0	5	9	US-09-804-866-1	Sequence 1, Appl1
18	27	90.0	5	9	US-09-823-114-2	Sequence 2, Appl1
19	27	90.0	5	9	US-09-946-605-1	Sequence 1, Appl1
20	27	90.0	5	9	US-09-946-605-15	Sequence 15, Appl1
21	27	90.0	5	13	US-10-014-716-1	Sequence 1, Appl1
22	27	90.0	5	13	US-10-006-630-1	Sequence 1, Appl1
23	27	90.0	5	14	US-10-150-262-5	Sequence 5, Appl1
24	27	90.0	5	14	US-10-259-391-1	Sequence 1, Appl1
25	27	90.0	5	14	US-10-259-391-15	Sequence 15, Appl1
26	27	90.0	5	14	US-10-190-951-1	Sequence 1, Appl1
27	27	90.0	5	14	US-10-033-195B-1	Sequence 1, Appl1
28	27	90.0	5	14	US-10-197-954-89	Sequence 89, Appl1
29	27	90.0	5	14	US-10-290-748-2	Sequence 2, Appl1
30	27	90.0	5	14	US-10-146-999-5	Sequence 5, Appl1
31	27	90.0	5	14	US-10-265-099-29	Sequence 29, Appl1
32	27	90.0	5	14	US-10-126-845-115	Sequence 115, Appl1
33	27	90.0	5	14	US-10-080-608A-164	Sequence 164, Appl1
34	27	90.0	5	14	US-10-370-685-73	Sequence 73, Appl1
35	27	90.0	5	15	US-10-448-163-7	Sequence 7, Appl1
36	27	90.0	5	15	US-10-454-566-1	Sequence 1, Appl1
37	27	90.0	5	15	US-10-167-627-64	Sequence 64, Appl1
38	27	90.0	5	15	US-10-172-939A-1	Sequence 1, Appl1
39	27	90.0	5	17	US-10-659-000-8	Sequence 8, Appl1
40	27	90.0	5	17	US-10-858-226-29	Sequence 29, Appl1
41	25	83.3	5	9	US-09-804-866-5	Sequence 5, Appl1
42	25	83.3	5	9	US-09-823-114-25	Sequence 25, Appl1
43	25	83.3	5	9	US-09-946-605-10	Sequence 10, Appl1
44	25	83.3	5	13	US-10-014-716-10	Sequence 10, Appl1
45	25	83.3	5	14	US-10-259-391-10	Sequence 10, Appl1

ALIGNMENTS

RESULT 1
US-09-823-114-1
Sequence 1, Application US/09823114
Patent No. US20020061554A1
GENERAL INFORMATION:
APPLICANT: EVANS, CHRISTOPHER J.
KEITH, DUANE E.
TITLE OF INVENTION: OPIOID RECEPTOR GENES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/823,114
FILING DATE: 29-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/148,351
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MORASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22000-20526.22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030 MRSNFOERSWSH

;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 5 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-823-114-1

Query Match 100.0%; Score 30; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

RESULT 2

US-09-946-605-21
; Sequence 21, Application US/09946605
; Patent No. US20020155588A1

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Stryer, Lubert

Winkler, James L.

Holmes, Christopher P.

Solas, Dennis W.

TITLE OF INVENTION: Very Large Scale Immobilized Polymer
Synthesis

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. US20020155588A1vie1

STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentln Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/946,605

FILING DATE: 05-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/466,632

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: No. US20020155588A1vie1, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528J-000126

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 21:

US-09-946-605-21

Query Match 100.0%; Score 30; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

Db 1 YGGFM 5

RESULT 3

US-10-050-903B-1

; Sequence 1, Application US/10050903B

; Publication No. US20020132777A1

GENERAL INFORMATION:

APPLICANT: Zimmer, Robert A.

TITLE OF INVENTION: Compositions and Methods for Enhanced Pharmacological Activity Th

TITLE OF INVENTION: Oral and Parenteral Administration of Compositions Comprising Pol

TITLE OF INVENTION: Substances and Other Poorly Absorbed Active Ingredients

FILE REFERENCE: 945505.019

CURRENT APPLICATION NUMBER: US/10/050,903B

CURRENT FILING DATE: 2003-01-30

PRIOR APPLICATION NUMBER: US 60/262,337

PRIOR FILING DATE: 2001-01-17

PRIOR APPLICATION NUMBER: US 60/332,636

PRIOR FILING DATE: 2001-11-06

PRIOR APPLICATION NUMBER: US 60/287,872

PRIOR FILING DATE: 2001-05-01

PRIOR APPLICATION NUMBER: US 60/287,886

PRIOR FILING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 1

SOFTWARE: Patentln version 3.1

SEQ ID NO 1

LENGTH: 5

TYPE: PRT

ORGANISM: Homo sapiens

US-10-050-903B-1

Query Match 100.0%; Score 30; DB 13; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

RESULT 4

US-10-014-716-21

; Sequence 21, Application US/10014716

; Publication No. US20020137096A1

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Stryer, Lubert

Pirung, Michael C.

Read, J. Leighton

Hoepflich, Jr. Paul D.

TITLE OF INVENTION: Very Large Scale Immobilized

Polymer

Synthesis

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vern No. US20020137096A1vie1

STREET: One Market Plaza, Stewart Tower, Suite

2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentln Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/014,716

FILING DATE: 14-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: 08/348,471

FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020137096A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-014-716-21

Query Match 100.0%; Score 30; DB 13; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

RESULT 5
US-10-150-262-7
Sequence 7, Application US/10150262
Publication No. US20030049264A1
GENERAL INFORMATION:
APPLICANT: FOSTER, KEITH ALAN
APPLICANT: DUGGAN, MICHAEL JOHN
APPLICANT: SHONE, CLIFFORD CHARLES
TITLE OF INVENTION: CLOSTRIDIAL TOXIN DERIVATIVES ABLE TO MODIFY
TITLE OF INVENTION: PERIPHERAL
TITLE OF INVENTION: SENSORY AFFERENT FUNCTIONS
FILE REFERENCE: 023223/0104
CURRENT APPLICATION NUMBER: US/10/150,262
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US/09/447,356
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 08/945,037
PRIOR FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: GB 9508204.6
PRIOR FILING DATE: 1995-04-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 5
TYPE: PRT
ORGANISM: Homo sapiens
US-10-150-262-7

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

RESULT 6
US-10-259-391-21
Sequence 21, Application US/10259391
Publication No. US20030082831A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.

Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. US20030082831A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/259,391
FILING DATE: 30-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/465,782
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030082831A1v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528J-000127
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-259-391-21

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

RESULT 7
US-10-190-951-21
Sequence 21, Application US/10190951
Publication No. US20030108899A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Pirrung, Michael C.
APPLICANT: Read, J. Leighton
APPLICANT: Hoepflich, Jr. Paul D.
TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vern No. US20030108899A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite
2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/190,951
FILING DATE: 08-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030108899A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-190-951-21

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 8
US-10-033-195B-19
; Sequence 19, Application US/10033195B
; Publication No. US20030119008A1
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Read, J. Leighton
; APPLICANT: Pirrung, Michael C.
; TITLE OF INVENTION: Nucleotides and Analogs Having
; TITLE OF INVENTION: Photoremovable Protecting Groups
; FILE REFERENCE: 2719.2002-001
; CURRENT APPLICATION NUMBER: US/10/033,195B
; CURRENT FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 09/465,126
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: 09/063,933
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 08/466,632
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/390,272
; PRIOR FILING DATE: 1995-02-16
; PRIOR APPLICATION NUMBER: 07/624,120
; PRIOR FILING DATE: 1990-12-06
; PRIOR APPLICATION NUMBER: 07/492,462
; PRIOR FILING DATE: 1990-03-07
; PRIOR APPLICATION NUMBER: 07/362,901
; PRIOR FILING DATE: 1989-06-07
; PRIOR APPLICATION NUMBER: 08/456,887
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 07/954,646
; PRIOR FILING DATE: 1992-09-30
; PRIOR APPLICATION NUMBER: 07/850,356
; PRIOR FILING DATE: 1992-03-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19

LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Synthetic sequence for description of method
US-10-033-195B-19

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 9
US-10-197-954-92
; Sequence 92, Application US/10197954
; Publication No. US20030119021A1
; GENERAL INFORMATION:
; APPLICANT: K"ater, Hubert
; APPLICANT: Siddiqi, Suhailb
; APPLICANT: Little, Daniel
; TITLE OF INVENTION: Capture Compounds, Collections Thereof
; TITLE OF INVENTION: And Methods For Analyzing The Proteome And Complex
; TITLE OF INVENTION: Compositions
; FILE REFERENCE: 24743-2305
; CURRENT APPLICATION NUMBER: US/10/197,954
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 60/306,019
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/314,123
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/363,433
; PRIOR FILING DATE: 2002-03-11
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-197-954-92

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 10
US-10-290-748-1
; Sequence 1, Application US/10290748
; Publication No. US20030124672A1
; GENERAL INFORMATION:
; APPLICANT: EVANS, CHRISTOPHER J.
; APPLICANT: KEITH, DUANE E.
; TITLE OF INVENTION: OPIOID RECEPTOR GENES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/290,748
; FILING DATE: 07-NO. US20030124672A1-2002
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/405,271A
; FILING DATE: 14-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 22000-20526.22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030 MRSNFOERSWSH
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-290-748-1

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

RESULT 11
US-10-146-999-6
; Sequence 6, Application US/10146999
; Publication No. US20030148942A1
; GENERAL INFORMATION:
; APPLICANT: Plotnikoff, Nicholas P.
; TITLE OF INVENTION: Methods for Inducing Sustained Immune Response
; FILE REFERENCE: 01-635-A
; CURRENT APPLICATION NUMBER: US/10/146,999
; CURRENT FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: US 60/291,237
; PRIOR FILING DATE: 2001-05-16
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-146-999-6

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

RESULT 12
US-10-126-845-116
; Sequence 116, Application US/10126845
; Publication No. US20030181367A1
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Lambkin, Imelda J.
; APPLICANT: Pinilla, Clemencia
; APPLICANT: Houghten, Richard
; TITLE OF INVENTION: MEMBRANE TRANSLOCATING PEPTIDE DRUG DELIVERY SYSTEM
```

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; FILE REFERENCE: B1067/20058
; CURRENT APPLICATION NUMBER: US/10/126,845
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 116
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: opioid peptide
US-10-126-845-116

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

RESULT 13
US-10-448-163-1
; Sequence 1, Application US/10448163
; Publication No. US20040014143A1
; GENERAL INFORMATION:
; APPLICANT: Haskins, William
; APPLICANT: Kennedy, Robert
; APPLICANT: Powell, David
; APPLICANT: Watson, Christopher
; TITLE OF INVENTION: Peptides Identified Therewith
; FILE REFERENCE: UF-321CXCI
; CURRENT APPLICATION NUMBER: US/10/448,163
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 60/384,874
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/384,447
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-448-163-1

Query Match      100.0%; Score 30; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

RESULT 14
US-10-825-472-1
; Sequence 1, Application US/10825472
; Publication No. US20040186058A1
; GENERAL INFORMATION:
; APPLICANT: Zimmer, Robert A.
; TITLE OF INVENTION: Compositions and Methods for Enhanced Pharmacological Activity Th
; TITLE OF INVENTION: Oral and Parenteral Administration of Compositions Comprising Po
; FILE REFERENCE: 94S505.019
; CURRENT APPLICATION NUMBER: US/10/825,472
; CURRENT FILING DATE: 2004-04-15
; PRIOR APPLICATION NUMBER: US 60/262,337
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/332,636
; PRIOR FILING DATE: 2001-11-06
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; PRIOR APPLICATION NUMBER: US 60/287,872
; PRIOR FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: US 60/287,886
; PRIOR FILING DATE: 2001-05-01
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-825-472-1

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Query Match      100.0%; Score 30; DB 16; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

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RESULT 15
US-10-659-000-9
; Sequence 9, Application US/10659000
; Publication No. US20040209344A1
; GENERAL INFORMATION:
; APPLICANT: PANTOLIANO, MICHAEL W.
; APPLICANT: RYAN, M. DOMINIC
; APPLICANT: STAKER, BART LEE
; APPLICANT: PRASAD, G. SRIDHAR
; APPLICANT: TANG, JIN
; APPLICANT: MENON, SAURABH PRABHAKAR
; APPLICANT: TOWLER, PAUL S.
; APPLICANT: WILLIAMS, DAVID H.
; APPLICANT: FISHER, MARTIN
; TITLE OF INVENTION: CRYSTAL STRUCTURE OF ANGIOTENSIN-CONVERTING ENZYME-RELATED
; TITLE OF INVENTION: CARBOXYPEPTIDASE
; FILE REFERENCE: MNM/002
; CURRENT APPLICATION NUMBER: US/10/659,000
; PRIOR FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/410,010
; PRIOR FILING DATE: 2002-09-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 9
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-10-659-000-9

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Query Match      100.0%; Score 30; DB 17; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

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Search completed: December 8, 2004, 14:17:19
Job time : 149 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: December 8, 2004, 13:54:54 ; Search time 37 Seconds
(without alignments)
8.962 Million cell updates/sec

Title: US-09-429-798A-48

Perfect score: 30
Sequence: 1 YGGM 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 14629

Minimum DB seq length: 5
Maximum DB seq length: 5

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

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- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
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- 6: /cgn2_6/ptodata/1/iaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	30	100.0	5	1	US-07-630-163B-1 Sequence 1, Appli
2	30	100.0	5	1	US-07-992-288-1 Sequence 1, Appli
3	30	100.0	5	1	US-07-989-764-1 Sequence 1, Appli
4	30	100.0	5	1	US-08-034-930-2 Sequence 2, Appli
5	30	100.0	5	1	US-07-805-727-21 Sequence 21, Appli
6	30	100.0	5	1	US-08-184-935-5 Sequence 5, Appli
7	30	100.0	5	1	US-08-390-272-21 Sequence 21, Appli
8	30	100.0	5	1	US-08-067-387-24 Sequence 24, Appli
9	30	100.0	5	1	US-08-375-777-4 Sequence 4, Appli
10	30	100.0	5	1	US-08-428-488-4 Sequence 4, Appli
11	30	100.0	5	1	US-08-462-859A-2 Sequence 2, Appli
12	30	100.0	5	1	US-08-123-659A-2 Sequence 2, Appli
13	30	100.0	5	1	US-08-464-247A-2 Sequence 2, Appli
14	30	100.0	5	1	US-08-464-248A-2 Sequence 2, Appli
15	30	100.0	5	1	US-08-406-935-4 Sequence 4, Appli
16	30	100.0	5	1	US-08-388-321-21 Sequence 21, Appli
17	30	100.0	5	1	US-08-466-632-21 Sequence 21, Appli
18	30	100.0	5	1	US-08-446-177-21 Sequence 21, Appli
19	30	100.0	5	2	US-08-723-423-33 Sequence 33, Appli
20	30	100.0	5	2	US-08-411-859-5 Sequence 5, Appli
21	30	100.0	5	3	US-08-709-435-33 Sequence 33, Appli
22	30	100.0	5	3	US-08-633-410-33 Sequence 33, Appli
23	30	100.0	5	3	US-09-063-936A-21 Sequence 21, Appli
24	30	100.0	5	3	US-08-611-395-2 Sequence 2, Appli
25	30	100.0	5	3	US-08-188-275A-12 Sequence 12, Appli
26	30	100.0	5	3	US-08-387-707-1 Sequence 1, Appli
27	30	100.0	5	3	US-08-711-426-33 Sequence 33, Appli

28	30	100.0	5	3	US-08-157-562-5 Sequence 5, Appli
29	30	100.0	5	3	US-09-490-580-21 Sequence 21, Appli
30	30	100.0	5	3	US-08-669-252-33 Sequence 33, Appli
31	30	100.0	5	3	US-09-442-027-21 Sequence 21, Appli
32	30	100.0	5	3	US-09-447-356-7 Sequence 7, Appli
33	30	100.0	5	4	US-08-348-471-21 Sequence 21, Appli
34	30	100.0	5	4	US-08-405-271A-1 Sequence 1, Appli
35	30	100.0	5	4	US-08-999-188-21 Sequence 21, Appli
36	30	100.0	5	4	US-09-465-126B-19 Sequence 19, Appli
37	30	100.0	5	4	US-09-063-933-21 Sequence 21, Appli
38	30	100.0	5	4	US-09-428-692-9 Sequence 9, Appli
39	30	100.0	5	5	PCT-US94-05796-24 Sequence 24, Appli
40	30	100.0	5	6	5169865-7 Patent No. 5169865
41	27	90.0	5	1	US-07-694-981-2 Sequence 2, Appli
42	27	90.0	5	1	US-07-630-163B-2 Sequence 2, Appli
43	27	90.0	5	1	US-07-796-947-1 Sequence 1, Appli
44	27	90.0	5	1	US-07-992-288-2 Sequence 2, Appli
45	27	90.0	5	1	US-07-989-764-2 Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-07-630-163B-1
; Sequence 1, Application US/07630163B
; Patent No. 5276137
; GENERAL INFORMATION:
; APPLICANT: Ojima, Iwao
; APPLICANT: Nakahashi, Kazuaki
; TITLE OF INVENTION: Analgesic Peptides
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann & Baron
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: United States of America
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 5.25 inch, 360 Kbl
; COMPUTER: IBM XT Compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/630,163B
; FILING DATE: 19901218
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 02-158890
; FILING DATE: June 18, 1990
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 Amino Acids
; TYPE: AMINO ACID
; TOPOLOGY: Linear
; US-07-630-163B-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGM 5
Db 1 YGGM 5

RESULT 2
US-07-992-288-1
; Sequence 1, Application US/07992288
; Patent No. 5338831
; GENERAL INFORMATION:
; APPLICANT: Lebel, Michal

APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vit
APPLICANT: Jehnicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
APPLICANT: Bolf, Jan
TITLE OF INVENTION: METHOD OF MAKING MULTIPLE SYNTHESIS OF
TITLE OF INVENTION: PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 533831th Stetson, Suite 4700
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/992,288
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-992-288-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
|||||
Db 1 YGGFM 5

RESULT 3
US-07-989-764-1
Sequence 1, Application US/07989764
Patent No. 5342585

GENERAL INFORMATION:

APPLICANT: Lebel, Michal
APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vit
APPLICANT: Jehnicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
APPLICANT: Bolf, Jan

TITLE OF INVENTION: APPARATUS FOR MAKING MULTIPLE SYNTHESIS
TITLE OF INVENTION: OF PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5342585th Stetson, Suite 4700

CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,764
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-989-764-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
|||||
Db 1 YGGFM 5

RESULT 4
US-08-034-930-2
Sequence 2, Application US/08034930
Patent No. 5403824

GENERAL INFORMATION:

APPLICANT: D'Souza, Sharyn M.
APPLICANT: Ibbotson, Kenneth J.
TITLE OF INVENTION: Methods For The Treatment of
TITLE OF INVENTION: Osteoporosis
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Procter & Gamble Company
STREET: P. O. Box 398707
CITY: Cincinnati
STATE: Ohio
COUNTRY: U.S.A.
ZIP: 45239-8707

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/034,930
FILING DATE: 19930319
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Suter, David L.
REGISTRATION NUMBER: 30,692
REFERENCE/DOCKET NUMBER: Case 4835
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 627-2912
TELEFAX: (513) 627-0260
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-034-930-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 5

US-07-805-727-21

Sequence 21, Application US/07805727

Patent No. 5424186

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

APPLICANT: Stryer, Lubert

APPLICANT: Pirtung, Michael C.

APPLICANT: Read, J. Leighton

TITLE OF INVENTION: Very Large Scale Immobilized Polymer

TITLE OF INVENTION: Synthesis

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. 5424186v1e1

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/805,727

FILING DATE: 19911206

CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:

NAME: No. 5424186v1e1, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 11509A)1)1)1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: AMINO ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-07-805-727-21

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 6

US-08-184-935-5

Sequence 5, Application US/08184935

Patent No. 5476770

GENERAL INFORMATION:

APPLICANT: PRADELLES, PHILIPPE
TITLE OF INVENTION: IMMUNOMETRIC DETERMINATION OF AN ANTIGEN
TITLE OF INVENTION: OR HAPTEN
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

ADDRESSEE: P.C.

STREET: 1755 S. Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/184,935

FILING DATE: 24-JAN-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Oblon, No. 5476770man F.

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 846-286-0

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000

TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: peptide

US-08-184-935-5

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 7

US-08-390-272-21

Sequence 21, Application US/08390272

Patent No. 5489678

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

APPLICANT: Stryer, Lubert

APPLICANT: Winkler, James L.

APPLICANT: Holmes, Christopher P.

APPLICANT: Solas, Dennis W.

TITLE OF INVENTION: Very Large Scale Immobilized Polymer

TITLE OF INVENTION: Synthesis

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. 5489678v1e1

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/390,272

FILING DATE: 536
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/624,120
FILING DATE: 06-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5489678v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509-28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-390-272-21

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 8

US-08-067-387-24

Sequence 24, Application US/08067387

Patent No. 5491074

GENERAL INFORMATION:

APPLICANT: Aldwin, Lois

APPLICANT: Madden, Mark

APPLICANT: Stemmer, W.P.C.

TITLE OF INVENTION: Association Peptides

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend Hourie and Crew

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/067,387

FILING DATE: 24-MAY-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/043,459

FILING DATE: 01-APR-1993

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 11509-92

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-067-387-24

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 9

US-08-375-777-4

Sequence 4, Application US/08375777

Patent No. 5571786

GENERAL INFORMATION:

APPLICANT: Bibl, Johann

APPLICANT: Pichler, Ludwig

APPLICANT: Schwarz, Hans Peter

APPLICANT: Turecek, Peter

TITLE OF INVENTION: THE USE OF PROTEIN C OR ACTIVATED

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

STREET: 30 ROCKEFELLER PLAZA

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10112-0228

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/375,777

FILING DATE:

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Seide, Rochelle K.

REGISTRATION NUMBER: 32,300

REFERENCE/DOCKET NUMBER: A28677-FWC-A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-408-2626

TELEFAX: 212-765-2519

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Peptide

LOCATION: 1..5

US-08-375-777-4

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
Db 1 YGFM 5

RESULT 10

US-08-428-488-4

Sequence 4, Application US/08428488

Patent No. 5624894

GENERAL INFORMATION:

APPLICANT: BODOR, Nicholas S.

TITLE OF INVENTION: BRAIN-ENHANCED DELIVERY OF NEUROACTIVE

TITLE OF INVENTION: PEPTIDES BY SEQUENTIAL METABOLISM
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/428,488
FILING DATE: 27-APR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Mary Katherine
REGISTRATION NUMBER: 26,254
REFERENCE/DOCKET NUMBER: 028724-087
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "Position 1 = H-Tyr."
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: /note= "Position 5 = Met-OH."
US-08-428-488-4
Query Match 100.0%; Score 30; DB 1; Length 5;
Best local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 YGFM 5
Db 1 YGFM 5
RESULT 11
US-08-462-859A-2
Sequence 2, Application US/08462859A
Patent No. 5652092
GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
APPLICANT: Vitek, M. P.
TITLE OF INVENTION: No. 5652092el Amyloid Precursor and Method of
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
TITLE OF INVENTION: of B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: United States
ZIP: 07470-8426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,859A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,844-04
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3246
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-462-859A-2
Query Match 100.0%; Score 30; DB 1; Length 5;
Best local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 YGFM 5
Db 1 YGFM 5
RESULT 12
US-08-123-659A-2
Sequence 2, Application US/08123659A
Patent No. 5656477
GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
APPLICANT: Vitek, M. P.
TITLE OF INVENTION: No. 5656477el Amyloid Precursor and Method of
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
TITLE OF INVENTION: of B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Anne Rosenblum
STREET: 163 Delaware Avenue, Suite 212
CITY: Delmar
STATE: New York
COUNTRY: U.S.A.
ZIP: 12054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/123,659A
FILING DATE: 20-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rosenblum, Anne M.
REGISTRATION NUMBER: 30,419
REFERENCE/DOCKET NUMBER: 31,844-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (518) 475-0611
TELEFAX: (518) 475-0619
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-123-659A-2
Query Match 100.0%; Score 30; DB 1; Length 5;

Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFM 5

RESULT 13

US-08-464-247A-2
Sequence 2, Application US/08464247A

Patent No. 5693478

GENERAL INFORMATION:

APPLICANT: Jacobsen, J. S.

APPLICANT: Vitek, M. P.

TITLE OF INVENTION: No. 5693478el Amyloid Precursor and Method of

TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation

TITLE OF INVENTION: of B-Amyloid Peptide

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESSES:

ADDRESSEE: American Cyanamid Company

STREET: One Campus Drive

CITY: Parsippany

STATE: New Jersey

COUNTRY: United States

ZIP: 07054

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,247A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barnhard, Elizabeth M.

REGISTRATION NUMBER: 31,088

REFERENCE/DOCKET NUMBER: 31,844-03

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-683-2158

TELEFAX: 201-683-4117

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-464-247A-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFM 5

RESULT 14
US-08-464-248A-2
Sequence 2, Application US/08464248A
Patent No. 5703209

GENERAL INFORMATION:

APPLICANT: Jacobsen, J. S.

APPLICANT: Vitek, M. P.

TITLE OF INVENTION: No. 5703209el Amyloid Precursor and Method of

TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation

TITLE OF INVENTION: of B-Amyloid Peptide

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESSES:

ADDRESSEE: American Cyanamid Company

STREET: One Campus Drive

CITY: Parsippany

STATE: New Jersey

COUNTRY: United States

ZIP: 07054

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,247A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barnhard, Elizabeth M.

REGISTRATION NUMBER: 31,088

REFERENCE/DOCKET NUMBER: 31,844-02

TELECOMMUNICATION INFORMATION:

TELEPHONE: (201) 831-3246

TELEFAX: (201) 831-3305

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-464-248A-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFM 5

RESULT 15
US-08-406-935-4
Sequence 4, Application US/08406935
Patent No. 5707648

GENERAL INFORMATION:

APPLICANT: Seang H. Yiv

TITLE OF INVENTION: Transparent Liquid for

TITLE OF INVENTION: Encapsulating Drug Delivery

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and

ADDRESSEE: No. 5707648rls

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/406,935

FILING DATE: 17-MAY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/13394

FILING DATE: 16-NOV-1994

APPLICATION NUMBER: 885,202

FILING DATE: May 20, 1992

ATTORNEY/AGENT INFORMATION:

NAME: David R. Bailey

REGISTRATION NUMBER: 35,057

STREET: One Cyanamid Plaza

CITY: Wayne

STATE: New Jersey

COUNTRY: United States

ZIP: 07470-8426

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,248A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barnhard, Elizabeth M.

REGISTRATION NUMBER: 31,088

REFERENCE/DOCKET NUMBER: 31,844-02

TELECOMMUNICATION INFORMATION:

TELEPHONE: (201) 831-3246

TELEFAX: (201) 831-3305

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-464-248A-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFM 5

REFERENCE/DOCKET NUMBER: AFBI-0349
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acid residues
TYPE: Amino Acid
STRANDEDNESS:
TOPOLOGY: Unknown
MOLECULE TYPE: Peptide
US-08-406-935-4

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||
Db 1 YGFM 5

Search completed: December 8, 2004, 14:06:32
Job time : 37 secs

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